List of Claims:

1-18. Cancelled.

19. (New) A temperature measuring device comprising:
a housing including a main portion configured to be grasped by a person;
a temperature probe attached to the housing and configured to sense temperature, the probe extending from the main portion of the housing in a configuration for insertion into an orifice or within close proximity of a surface area, on a patient's body where the desired temperature region is to be measured; and
a light source coupled to the housing and configured to provide light in a vicinity of the probe;
wherein the light source can illuminate a region in front of the probe to assist the person taking the temperature measure to position the probe to the desired area on the patient's body.

20. (New) The device of claim 19 wherein the temperature probe is independently selectively operable to sense temperature and wherein the light source is selectively operable to provide the light independent of actuation of the temperature probe sensor.

21. (New) The device of claim 19 wherein the light source is a light-emitting diode.

22. (New) The device of claim 19 further comprising a long narrow strip, of thin flexible material, providing a means of displacement for indexing the long narrow strip, of thin flexible material in a linear displacement for multiple uses, coupled to the housing and configured to cover at least a portion of the temperature probe configured to be utilized in measuring temperature on a patient's body..

23. (New) The device of claim 22 wherein the thin, flexible material is a roll of the material that is rotatably mounted to the housing, having an inner support member removably fixed inside the housing, and wherein the housing provides an opening to allow the dispensing of the material to the temperature probe..

24. (New) The device of claim 23 wherein the roll is periodically perforated across the width of the thin, flexible material at a distance equal to at least the linear distance being wrapped from the start point from the opening on the main portion of the housing to the end of the distance wrapped around the opposite end of the probe.

25. (New) The device of claim 23 wherein the narrow, thin, flexible material is secured in a position to the probe or housing by a rotating semi rigid member that is attached to the housing and provides a means to secure the thin flexible material in a fixed position while measuring temperatures.

26. (New) The device of claim 23 wherein the roll includes adhesive on at least portions of the material for attaching the material to an outer surface of the housing.

27. (New) A temperature measuring device comprising:
a housing including a main portion configured to be grasped by a person;
temperature-sensitive means configured to sense temperature and to provide a visual indication of sensed temperature, the temperature-sensitive means extending from the main portion of the housing and configured for insertion into or about the surface of a patient's body; and
a lighting means, coupled to the housing, for illuminating a vicinity disposed distally from an end of the temperature-sensitive means relative to the main portion of the housing.

28. (New) The device of claim 27 wherein the temperature probe is independently selectively operable to sense temperature and wherein the light source is selectively operable to provide the light independent of actuation of the temperature probe sensor.

29. (New) The device of claim 27 wherein the lighting means includes an illuminating ink or pigment on or within the material of the housing in the vicinity of the probe.

30. (New) The device of claim 27 wherein the lighting means includes the means for a replaceable bulb.

31. (New) A temperature measuring device comprising:
a housing including a main portion configured to be grasped by a person;
a temperature probe retained by the housing and configured to sense temperature, the probe extending from the main portion of the housing in a configuration for insertion onto a surface area of a patient's body where the desired body temperature is to be measured; and
a strip of thin, flexible material coupled to the housing and configured to cover at least a portion of the temperature probe configured to be in contact with the patient.

32. (New) The device of claim 31 wherein the thin, flexible material is a roll of the material that is rotatably mounted to the housing.

33. (New) The device of claim 32 wherein the roll is disposed inside of the housing, and wherein the housing provides an opening to allow dispensing of the material to the temperature probe, wherein the roll of the material is periodically perforated across a width of the material.

34. (New) The device of claim 32 wherein the roll is selectively marked with an ink on at least portions of the material to identify the location of the start, end or index measure of the film.

35. (New) The device of claim 32 wherein the roll includes adhesive on at least portions of the material for attaching the material to an outer surface of the housing.

36. (New) The device of claim 31 further comprising a light source coupled to the housing and configured to provide light in a vicinity in front of the probe;
wherein the light source can illuminate a region in front of the probe to assist the person

with inserting the probe onto the patient.

37. (New) The device of claim 36 wherein the temperature probe is independently selectively operable to sense temperature and wherein the light source is selectively operable to provide the light independently of actuation of the temperature probe.

38. (New) The device of claim 36 wherein the light source is a light-emitting diode.